

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 1    | "10589182"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 15:24 |
| S2    | 942  | 606/102   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/22 15:30 |
| S4    | 43   | "6391005"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/23 11:28 |
| S5    | 3    | WO-03068076-\$.DID. OR US-6391005-\$.DID.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/23 11:28 |
| S6    | 8    | US-2835732-\$.DID. OR EP-1474046-\$.DID.<br>OR WO-03068076-\$.DID. OR<br>US-6391005-\$.DID. OR DE-19914485-\$.DID.<br>OR US-2335990-\$.DID. OR<br>JP-11309124-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/23 11:29 |
| S7    | 943  | 606/102   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/07/23 12:02 |

## EAST Search History (Prior Art)

|     |      |  |  |     |    |                  |
|-----|------|--|--|-----|----|------------------|
| S8  | 66   | ( "2763935"   "3712292"   "3938526"   "3971365"   "4139011"   "4184486"   "4203446"   "4224949"   "4299230"   "4356826"   "4411266"   "4469110"   "4535773"   "4561445"   "4577630"   "4712548"   "5133730"   "5196025"   "5211652"   "5266359"   "5318583"   "5318584"   "5395387"   "5571132"   "5853373" ).PN. OR ("6391005").URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2009/07/23 12:06 |
| S9  | 21   | ( "4299230"   "4515168"   "5306236"   "5358514"   "5389069"   "5725514"   "5830151"   "5853373"   "5993434"   "6009347"   "6298256"   "6325764"   "6391005" ).PN. OR ("6706016").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2009/07/23 12:06 |
| S10 | 13   | ( "20020008526"   "20030120297"   "20040260240"   "20050004513"   "2763935"   "5389069"   "6102926"   "6298256"   "6309370"   "6391005"   "6706016"   "6709380" ).PN. OR ("6951549").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR   | ADJ | ON | 2009/07/23 12:06 |
| S11 | 1095 | 604/117  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:08 |
| S12 | 337  | 600/506  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:08 |
| S13 | 1825 | 600/547  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:08 |
| S14 | 3276 | penetration with instrument  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:09 |

## EAST Search History (Prior Art)

|     |     |                   |  |     |    |                  |
|-----|-----|-------------------|--|-----|----|------------------|
| S15 | 554 | S14 and electrode | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:09 |
| S16 | 14  | S15 and impedance | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/07/23 12:09 |

## EAST Search History (Interference)

|  |  |                                |  |  |  |  |
|--|--|--------------------------------|--|--|--|--|
|  |  | <This search history is empty> |  |  |  |  |
|--|--|--------------------------------|--|--|--|--|